

Abstract

At the point of this writing, species of homo is, in modern science, limited to past and current inhabitants of planet Earth.

However, my earlier work shows that planets are also living beings and may be categorized into species. The same species of homo would, by this hypothesis, inhabit the same class of planets.

Here, likely characteristics and evolutionary pathways of present and future homo species are presented and discussed.

Keywords: complete relativity, life, homo, evolution

The species of homo

Mario Ljubičić (Amenoum)

108. brigade ZNG 43, 35252 Sibirj, Croatia mljubic99@gmail.com

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1 Intro

Here I describe species of homo inhabiting the Solar System. Generally, such species should be indigenous to any ^{10}C system in an environment of [properly scaled] extremely low density or temperature.

2 Homo.beta (homo. β , modern human, img homo.sapiens)

Number of zygote chromosomes: 2×23 .

The extant, soon to be extinct on the surface of Earth, dominantly extroverted species of homo genus, self-proclaimed homo.sapiens. However, here it will not be defined as real sapiens, rather a precursor to real homo.sapiens.

Can be further divided into 3 subspecies, depending on intelligence polarization:

- cancerous.corpus
- cancerous.spiritus
- neutralum

Homo.beta may evolve directly into homo.sapiens (fusion of two homo.beta genomes) or via homo.gamma fission and subsequent fusion, as shown on Fig. 1.

Other animal.cancerous species are animals entangled with homo.beta (mostly domesticated animals).

This classification of humans into 3 species is rooted in the equivalence of particles and living beings. After one realizes that a soul belongs into the realm of particle physics and that a polarization of that particle is reflected in the body and its behavioral characteristics, such classification

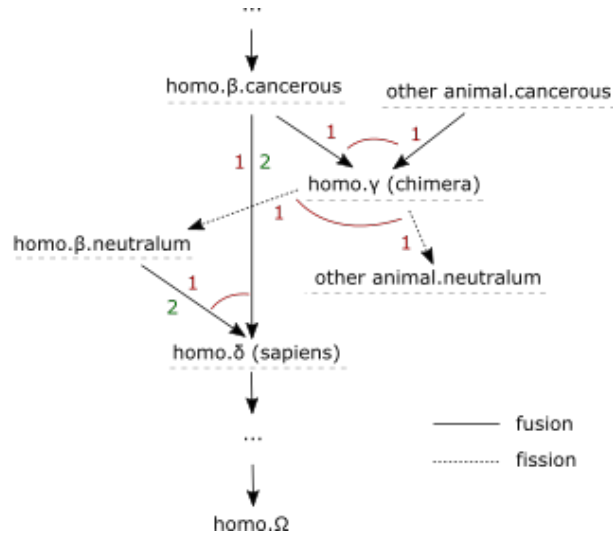


Figure 1: Evolutionary tree of homo

becomes obvious.

Classification of humans into 3 species already exists in humanity. In example, there are 3 recognized somatotypes, which I have previously correlated with evolution of homo on Venus, Earth and Mars.

But perhaps most significantly, humans can be divided into 3 species (ecosystems) by the microbiota they contain. Previously underestimated, it is now recognized that microorganisms, especially those in the gut, form a vital part of a human organism. The gut ecosystem, with its own neurons, is now even recognized as another brain[1], with significant influence on the function of a *primary* brain.

This should further lead to organs being recognized as introverted organisms in symbiosis, as I have hypothesized elsewhere.

2.1 Homo.beta.polarized (homo.beta.cancerous, homo.β.c, omega.carcinoma.ectoderm, modern savage)

A subspecies of homo.beta.

2.1.1 Late ancestry

The homo.beta may evolve from Neanderthals or Cro-Magnons.

On female homo.omega (planets), such as Venus, modern homo.beta likely evolves from Neanderthals, while on male species, such as Mars and Earth, it is

more likely to evolve from Cro-Magnons.

For that reason, evolution of life on Earth should be more similar to evolution of life on Mars, although it should also be, to large extent, equal to evolution on Venus (especially up to the first appearance of one of these species).

2.1.2 Properties

Polarized species generally live in strongly hierarchical communities practicing master/slave relationships and are bound by strict rules on behavior and life.

Distinct characteristic of homo. β .c is the imbalance of material and spiritual intelligence. In case of *corpus*, material intelligence is significantly more developed than spiritual. Opposite is the case in *spiritus* individuals of β .c.

Both live in entangled systems where one produces and promotes horizontal inequality and other supports it, living by the rules of such systems.

Inequality is produced by strong hierarchy in which some forms of life are treated as beings of lesser value, and thus often used as a resource.

While polarized species may not generally be cancerous, for homo.beta.polarized the resource it claims may be Earth, other animals or any other part of the universe.

Considering itself as unlimited in growth and unmatched in power by any other species, polarized homo.beta is generally malignant.

However, this anthropocentric behavior (vertical inequality, centralism) is sourced in the self-centric behavior of individuals, who treat even other humans as resources (horizontal inequality, centralism).

The self-centric behavior and reluctance to deal with the source of issues, prioritizing short-term profit, makes this species unsustainable and inevitably short-lived.

The average homo. β .c strives for relationships which include or promote ownership and consumerism, or possession and sacrifice.

The relationships are chained and may include other species, so the role of a master and a slave, or even corpus and spiritus nature, is relative.

Nothing survives homo.beta on the surface of homo.omega individuals. Thus, the fact that there is no complex life on the surface on Mars may be interpreted as evidence that such humans lived there.

2.1.3 Polarized intelligence and social behavior

Despite having the largest memory and processing capacity of all species homo. β coexists with, due to polarization, β .c uses a limited amount of available capacity.

Being of complex nature, β .c has a very distorted view of reality, speaking often of relatives and relative nature, but awarding absoluteness and striving to it, regardless of the case.

Despite the potential, due to idle capacity, average β .c is a very simple creature, behaving as a single-celled (unaware of its cells) organism with very predictive and very limited daily routines, either external or mental.

Being extremely afraid of everything (but most of independent thought), it is very prone to taming and domestication (although most individuals would not recognize it as such), it will not resist slavery and will gladly obey commands upon the promise of existential security.

Beta.cancerous lives in chained master-slave relationships so it often owns a pet as a reflection of a larger system it is part of, a system in which it might effectively be a pet.

Beta.c often calls this relationship (and any other master-slave relationship) as friendship, even though, in most cases, the animal has been taken from its mother at early age and had no choice but to see beta.c individual as his parent.

However, at later age, due to soul oscillation, a wild instinct can be inflated in the animal when it might rebel against slavery, at that point it is usually killed or the *friendship* is terminated in some other way.

Thus, this pet ownership might be viewed as a mental reaction of $\beta.c$ to extraneous ownership of its *own* self by institutions, although this is also a typical case of synchronicity, where one system reflects the other.

The often hopeless $\beta.c$ doesn't even remotely know what it is, where it is and why it is, but for some reason it is very proud of what it is, where it is and what it does.

2.1.4 Final years

Final years of homo.beta are strongly influenced by the events of strong evolution, when its behavior, physiology and way of life are changing (evolving) rapidly.

Being a precursor to homo.sapiens, these characteristics will be converging to those of homo.sapiens.

Homo.sapiens lives underground, in Earth's mantle, where there is no omnipresent ambient *visible* light (either from the Sun or planet core), *only* more or less localized bioluminescence.

However, atmospheric variability, seasons and day/night equivalent cycles are, as part of Earth's metabolism, present even there, where the amount of open spaces, variability and wilderness decrease with mantle depth.

Therefor, these precursors should be present in homo.beta.polarized during final years:

- convergence to indoor life and limited private spaces,
- replacement of daily routines with nightly routines,
- concentration on introverted operation,
- acknowledgment of future possibility of limited resources,
- precursors to renewable energy and recycling.

Since homo.beta.polarized does not change by its own will, rather by external force and enforcement (threat of force), one can expect strong changes in its climate and policies during final years.

The anthropogenic climate changes here are synchronized with non-anthropogenic climate changes in positive feedback loops, as one driver of accelerated evolution.

That homo.beta is a precursor to homo.sapiens becomes obvious when it names itself homo.sapien. While it may be often projecting the image of a sapien creature, effectively, it is not being one.

Homo.beta.polarized, especially, is conservative and slaves to beliefs and established dogmas of absolute nature, all while constantly bathed in complete relativity[2].

2.1.5 Expiration

Homo. β .c may differentiate directly into homo.sapiens or indirectly through gamma and neutralum species.

The homo. β .c of Earth has expired, naturally, somewhere around 2066 AD. He misses himself.

2.2 Homo.beta.neutralum

Homo.beta.neutralum is generally the result of fission of homo.gamma.

Neutralum values equally freedom and security. However, it acknowledges only vertical and natural limitations - horizontally, it may favor strong individualism.

It values simplicity and truth and a long-term well-being over short-term polarized interests. Thus, many terms and practices commonly associated with life of cancerous, in neutralum society would be simply undefined.

These include:

- greed, capitalism, insurance, theft (tax), law enforcement, ownership, possession, government, church
- copyrights, trademarks, patents, terms, policies, contracts,
- punishment, award, pride, prejudice, revenge, shame, sacrifice, urgency.

While neutralum species might also live in communities, these are not characterized by strong hierarchy and master/slave relationships.

In cancerous societies, life without these burdens is considered an utopia, such freedom (anarchy) is undesirable and unjustly absolutely equalized with chaos.

In reality, such life is not only possible, but it is a natural step in progressive evolution of intelligence - it is much more energy efficient, as many institutions and practices become obsolete.

In precursor species, this may be due to recognition of karma and reincarnation as universal natural principles of life operation, but for a real neutralum

such life is naturally embedded (a part of programming), the same as it is in nature of mammals to have a hand or an eye.

In neutralum society security is achieved through symmetric symbiosis (horizontally - between species of similar scale, and vertically - between species of different scale), while freedom is implicit.

2.2.1 Physical differences

Neutralum individuals are not only mentally different from polarized homo individuals. Since souls and bodies co-evolve, some mental differences will be *imprinted* in the body.

Some characteristics of neutralums relative to polarized homo are:

- larger brain mass to body mass ratio,
- larger concentration of neural proteins in upper layers, possibly most in layer I, where neuron density is generally lowest but [introverted] protein intelligence is highest,
- larger concentration of glia cells in the brain, in case these are correlated with introversion.

Other differences may include DNA coded characteristics such as blood type and metabolism, as discussed elsewhere[3].

However, on the lowest (soul) level, difference should be in the ratio of polarized electro-magnetic to neutral gravitational force, which, in neutralums should correspond to [a precursor of] a 6th sense (enhanced mental capabilities) likely reflected in layer I of the brain.

It is possible that neural proteins of layer I do not generally live in cells.

3 Homo.gamma (homo. γ , homo.chimera)

Homo.gamma is a chimera (result of fusion in space, or superposition in time) of homo.beta.polarized genome and a genome of species beta is horizontally entangled with (ie. canine, avian, ..).

A fusion of homo.beta.polarized of one type (ie. spiritus) with animal.cancerous of other type (ie. corpus) may produce a homo.gamma.neutralum which will subsequently divide into homo.beta.neutralum and animal.neutralum.

4 Homo.sapiens (homo.delta, homo. δ)

A species of homo, whose extroverted and introverted intelligence is, generally, in balance. Estimated number of neocortex neurons: $16 * 10^9$ - $32 * 10^9$.

Number of zygote chromosomes: 2×22 , or $23 + 22$.

Estimated lifespan: 120 or ≈ 1800 years.

Individuals of this species form neuron proteins of a planet (homo.omega).

4.1 Origin and features

Homo.sapiens evolves from homo.beta.

Progressive evolution favors energy-efficient means of information transfer. Thus, usage of artificial mechanisms for specific communication is generally a precursor to naturally evolved organics for such exchange of information.

First communication skills of homo.beta ancestors involved usage of tools to produce sound (like their children generally do). This was a precursor to verbal communication.

Later, increasing usage of electric and electro-magnetic means of communication (transfer of information) and decreasing usage of verbal skills was a precursor to natural electro-magnetic communication in homo.sapiens.

Most energy-efficient way to accomplish that is to upgrade the eyes for two-way transfer of electro-magnetic information (since it already supports one-way).

Thus, homo.sapiens has enlarged eyes compared to homo.beta, with decreased reflectivity and increased absorption capabilities of frequencies homo.beta uses for communication in electro-magnetic spectrum.

To understand this, it is useful to ask why and how did eyesight evolve. For each evolving life form somewhere exists a more or less evolved form of that life-form.

Life on Earth's surface evolves equally to embryonic life development of species where natural selection is a product of synchronicity, a mutation to be *selected* is predetermined to occur due to being genetically encoded at some scale.

Since body and soul co-evolve, during weak evolution, genetic code of the soul will generally reflect the genetic code of the body. Note that each soul on Earth is a fusion of two souls, one of which is dominant.

Usually, at death, the soul will reincarnate locally in another body if there are compatible eggs. However, with the pulse of strong evolution, some souls might regress, defusing into two souls (instead of fusing with another soul). This may leave two souls without compatible bodies to incarnate in locally.

Such souls will radiate away until they are effectively attracted to compatible eggs somewhere else.

If the DNA of new body is less evolved than a previous body DNA (compatibility of body and soul is lower), the progression of evolution toward synchronization of genetic codes between the body and the soul will require mutations, not random, but ones leading to synchronization. Note that a compatible egg spans multiple horizontal species (same or-

der of scale). This is evident in beta.cancerous and domesticated canine species - dogs are evolving human characteristics while beta.cancerous is evolving canine due to horizontal transfer of souls between incarnations. At first, mental characteristics evolve, but these are a precursor to physical characteristics - thus, strongly entangled canine and homo souls fuse into a single homo.gamma soul with a pulse of strong evolution (just like any other organisms in symbiosis).

Mental characteristics and behavior reflect future physical characteristics.

Obviously, if one is communicating using radio waves there's a good probability that its body will be sensitive to these frequencies with the next upgrade.

This bathing in radio waves is no different from bathing in water - if one spends time in water of specific salinity one will be evolving senses optimized for survival in such water and ones to make sense of that specific salinity.

All this is invariant to scale, both of space and time. Consider a proton and electron *bathing* in a sea of photons. With a decrease in energy, a proton starts using electron to detect radiation. With the increase in gravitational pressure (compression of time) it fuses with it to become a neutron (otherwise it would never fuse with it, with the decrease in photon density it would actually lose the need for it - a strong evolution event is thus necessary for the creation of new species).

Once one realizes that an atom and a planetary system are equal (due to scale invariance of physical laws), even the β and inverse β decays become effects of changes in pressure.

Due to favored increase of efficiency, in progressive evolution (fusion) of species the product will always have less mass than the sum of individual constituent particles.

Homo evolves on multiple planets of a ^{10}C system, but not on all of them at the same time.

Therefore, there is a possibility for homo.beta and homo.sapiens to interact, however, that implies that homo.sapiens has means to travel from a [brain] mantle to the surface of a planet.

Such capability is likely effectively reserved for inhabitants of layer I (top layer) of the homo.omega brain.

However, homo.sapiens will generally avoid surface during cultivation of homo.beta as electro-magnetic radiation produced by homo.beta is overwhelming for its brain, with a possibility of creating serious health issues if some electro-magnetic shielding is not used.

More energy-efficient food intake coupled with reduced vocal capabilities makes the mouth of such creature less pronounced than that of homo.beta.

Nose, ears and sexual organs have also receded as homo.beta at its peak is

decreasingly using and needing these (generally, physical stimulation is being replaced with mental).

Since the brain of this creature is, effectively, a result of fusion of two oppositely polarized homo.beta brains (similarly to homo.beta brain being the effective fusion of ape brains[4]) its head is also bigger than that of homo.beta.

Doubling of neuron cells has the same effect as doubling of transistors in a computer chip, so that alone does not make one more intelligent, however, with the fusion of oppositely polarized individuals, intelligence is increased proportionally to reduction in polarization.

The increase of internal processing power leads to (or, from a larger perspective, it is synchronized with) a decrease of dependence on external interactions for the experience of reality.

The complexity of intelligence expressed externally is thus exchanged for the complexity of internal expression at homo.sapiens.

On average though, with neutralum subspecies dominantly expressed, homo.sapiens is far more intelligent than average homo.beta.

Increase in brain size comes at the expense of body size (equivalent to difference in human and gorilla metabolism) so the body of this creature does not have a lot of fat tissue.

With the reduction of external complexity, the number of digits on hands and legs is reduced, to 4 or perhaps even 3 (through fusion of adjacent digits).

Among homo.sapiens individuals, difference in physical characteristics is negligible (note the precursor in rise of equality of homo.beta individuals) but larger in mental abilities.

These creatures are the brains of the brain cells of homo.omega species.

Thus, their living environment is bathed in a cerebrospinal fluid[5] (CSF) - salty (oceanic) water with a pH of 7.33, and interstitial fluid (water), both containing other proteins (forms of life).

Drinking water of homo.sapiens is likely less alkaline than that of homo.beta and so is their blood. The stomach fluid however, is less acidic.

Bioluminescence is a common feature of the flora and fauna in the living environment of homo.sapiens, with which it lives in symbiosis.

Homo.sapiens generally sleeps during heat waves (homo.beta day equivalents) and is active during cold waves (night equivalents).

Fig. 2 shows a homo.sapiens individual with his face expressing headache induced by information transferred through homo.beta social networks. Although shown here with 3 digits, homo.sapiens may generally have 4 digits on its extremities.

4.2 Reproduction

Sexual intercourse is not physical in homo.sapiens.

Code for DNA is transferred as electro-magnetic information with genetic material synthesized *in situ* to produce offspring.



Figure 2: The likely appearance of homo.sapiens⁶ head⁷ and body⁸

Possibly, production of offspring can be blocked by thoughts alone, although the success rate may vary among individuals, depending on the amount of spiritual intelligence.

The other possibility is that the production is optional and requires a conscious decision.

In any case, with the loss of need for physical contact and attraction, physical difference between male and female individuals is minimal.

With the reduction in complexity, oviduct and intestinal tube are fused into a single external opening (cloaca).

Decreasing entanglement of homo.beta parents with children (even though they may live together, they live in different realities), is a precursor to lack of entanglement during embryonic development - homo.sapiens is laying eggs.

Note that egg laying of sapiens must have a stronger physical precursor in homo.beta. For that reason, at its peak, there are no pregnancies in homo.beta - embryos are developing outside of the human body. As a precursor to the appliance of technology to humans, rodent embryos are grown outside of the womb.

Reasons for this are various:

- increasing rate of evolution may introduce blood incompatibility (similar to a problem of Rh neutral mothers and non-neutral babies),
- decreasing fertility rates with annihilation of male/female differences,
- collapse of immune systems,
- greater control and possibility of disease prevention,
- political and economic reasons - pregnancies are expensive and negatively affect slavery,
- hybridization (homo.gamma precursors),
- DNA manipulation, selective breeding of features.

In cases where political structures survive to the peak, there is a high probability for pregnancies to become illegal.

5 Homo.musculus (Balaenoptera musculus, homo.ε)

A species of homo, whose introverted intelligence is greater than extroverted intelligence.

Number of zygote chromosomes: 2×22 .

Estimated lifespan: ≈ 85 years.

Individuals of this species form proteins of a planet (homo.omega) residing in CSF (cerebro-spinal fluid), a salty ocean.

While toothed whales evolve from *Phiomictetus anubis*, descendant of homo.gamma.anubis, baleen whales such as *musculus* may be evolving from another homo.gamma subspecies or, perhaps more likely, homo.sapiens.

5.1 Origin

On its path of evolution toward homo.omega, homo.sapiens lives in symbiosis with spherical forms of life. These forms of life are amphibian, as evidence[9] suggests, although likely primarily aquatic.

Note that currently, among society, there is no consensus on what footage like the one cited above represents. Homo.beta, while not so conservative in estimates of its own intelligence, is very conservative and very cautious not to interpret such phenomena as evidence for higher non-human intelligence, even though it is becoming harder and harder to find a convincing excuse.

I have no doubt that these observables represent intelligent life forms and I have no doubt that homo.beta will soon have to admit it.

This symbiosis, with progressive evolution, leads to chimeras with limb complexity further reduced and intelligence further shifting to introverted domain.

This reduction in external complexity coupled with expected increase in mass and shift in symbiosis from land toward aquatic lifeforms, paints a picture of an [aquatic] life-form similar to a whale.

It is thus likely that Mysticeti (baleen whales) and Odontoceti (toothed whales) originate in Earth's mantle.

A couple of additional facts go in favor of this hypothesis:

- it is considered that Mysticeti and Odontoceti separated from each other 32.3 ± 5.1 million years ago[10],
- last time Antarctica was ice free was 34 million years ago[11], at the Eocene-Oligocene boundary.

I have previously hypothesized that Antarctica gets ice free during mass extinctions to enable the transfer of life (neuron proteins) from surface to mantle.

The ice free Antarctica during Eocene-Oligocene extinction is thus not surprising. It should not be surprising then that some life is transferred from mantle to surface. Such exchange of life between mantle and surface explains *explosive radiation* of life after extinctions.

Likely, Mysticeti and Odontoceti were transferred during events of Eocene-Oligocene extinction, from mantle to surface. Their ancestor thus never lived on

surface and may have been a short lived form of homo descendant which (similarly to homo.gamma) defused into these two species during strong evolution.

The fact that oldest discovered fossil of a blue whale (B. musculus) is 1.25 - 1.5 million years old[12] may indicate that largest whales, such as B. musculus did not evolve from surface Mysticeti, rather were transferred during smaller extinction events.

Note that the period of 3rd order cycle of Earth (Solar System) is 1.512 million years, with a major (1st order) extinction *scheduled* for this century, last 3rd order extinction should have happened $\approx 1.3 - 1.5$ million years ago (3rd order cycle period is entangled with ^{10}Be half-life, which is 1.512 My average, was 1.3 My in 2019. according to my calculations in TSS[13], was 1.39 My in 2010.).

However, if indeed blue whales (or their embryos) were transferred to surface 1.5 million years ago, this implies that either:

- Antarctica gets, at least partially, ice free with smaller (3rd order) extinctions too, albeit for shorter amounts of time,
- alternative (smaller *bandwidth*?) routes for exchange of life exist (however, being utilized only during extinctions, these too should be sealed during weak evolution).

Note that, even if Antarctica doesn't get completely ice free often, most of the ice is not older than 1.5 million years - it melts due to accumulated pressure above and geothermal energy below. Thus, there can be no direct evidence for permanent complete ice cover for longer periods of time and a real possibility exists for periodic partial concentrated melting (with periodic increase in geothermal energy).

5.2 Plausibility

Obviously, if musculus evolves from homo.sapiens this implies one or both of the following:

- humans have evolved on Earth more than once,
- whales were introduced from another planet (likely Venus).

Both hypotheses are plausible. Evolution of humans is scripted so if they did evolve multiple times in Earth's history they, similar to us, didn't last long - once homo.beta civilization becomes industrial it collapses in less than 300 years. That means the species will generally be absent from fossil records. Some have already wondered if similar ecosystem changes millions of years in the past had the same cause[14] (based on Silurian hypothesis).

However, comparable climate or ecosystem excursions generally span millions of years so the hypothesis is considered unlikely. But, if my hypothesis on effective time compression is true, even this excursion will, in the end, span millions of years in a fossil record if time compression is not accounted for.

According to my calculations[15], cultivation of humans on surface is correlated with mass extinctions so if humans did evolve multiple times on Earth's surface they have probably evolved at least 5 times before.

And if they did so on Earth, they did on Venus and Mars too.

6 Homo.omega (homo. Ω)

A class of introverted life-forms. Estimated number of neocortex neurons in Earth-like species: $64 * 10^9$.



Figure 3: homo.omega back and front poles, before the end of stage 5 of neurogenesis

6.1 Intro

Evolution must have a relative goal in order to proceed. This is obvious in weak evolution - how one will look like and function as an adult is well known even before birth.

Even though DNA might acquire some changes which will be passed on to next generation, due to scale invariance, even these changes are programmed on some higher level.

Evolution is enabled by relativity of past and future - both exist at different scales, so from one reference frame evolution has a goal, from the other goal is the result of specific evolution.

Long term goal of evolution is obvious from orbitals - with enough energy everything evolves into species it is revolving about. It is equally correct to say that orbiting of cubs around adults is the inherited behavior from positrons orbiting the atomic nuclei and that orbiting of planets around stars is inherited from cubs.

With enough energy:

- a supermassive black hole (galaxy) will evolve into whatever the observable universe is orbiting,
- a star will evolve into a black hole,
- soul of a planet will evolve into a star,
- soul of a human adult, orbiting the soul of a planet will evolve into a soul of planet and, with acquired mass, become a planet,
- homo cubs orbiting adults evolve into adults.

Note that cubs may be orbiting adults but to some extent adults are also orbiting cubs - which may slow down the aging of parents, but also leave them with less time for themselves. This is equal to decreased rate of aging of a bound planet and a star due to increase in gravity. A *free* particle generally ages faster but has more time for itself.

The souls of all inner planets (those between the star and main asteroid belt) are generally born of the star they are orbiting and it is unlikely they will orbit another star as long as the star is alive.

These souls have been attached to the primary (core) soul of the star right before the conception when they collapsed into individual wells orbiting the star and started acquiring mass.

The process is equal to human conception and embryonic development - the soul attaches to the [egg of a] female just before it is fertilized when it collapses into an individual forming life.

Note that the only reason orbitals and spins of human cubs and adults do not seem like revolutions, rather like *Brownian* attachments or entanglements, is the distribution of gravitational potential. In *isolated* environments, such as *utero*, the spin and orbital momentums do become more obvious, rather than fragmented.

These momentums also become more obvious when relativity is taken into account - if a mother turns around 360° with a child fixed in front of her, from the reference frame of the mother it is the child who completed the orbit around her.

With age, as cubs mature, orbits change distance - exactly as what is happening with orbits of terrestrial planets around the Sun.

A terrestrial planet or a positron [equivalent] is a life form with high, extremely introverted, intelligence. In the Solar System, three planets belong to the same class of such life: Venus, Earth and Mars. This is the homo.omega class.

6.2 The form

Homo.omega evolves from homo.beta with iteration 23 of the weak evolution cycle.

As the evolution of homo.sapiens continues, complexity of intelligence expression is further shifting to introversion and external complexity continues decreasing proportionally.

At the peak of this introversion is homo.omega, a life-form without external limbs, a creature in the optimal shape for long-term survival - a sphere.

It's movement is governed through synchronicity.

Without limbs, it might seem fragile, however, its vital organ(s) are heavily protected with multiple layers of inert material (which have been growing with every iteration). These do not only form the barrier to potential invaders, but present the image of a life-less entity, especially after the creature is fully developed (when it's effectively playing dead).

This seems like a great evolutionary advantage. Leading external creatures to discard any possibility of complex structure or life in homo.omega some would even consider it as a point particle.

However, for the same reasons, it is vulnerable to homo.beta.cancerous equivalents who may use it as a resource. Although, homo.beta.cancerous itself may not present a big threat, if isolated it generally exterminates itself or it may be eliminated by the response of homo.omega biosphere.

Entering adulthood, individuals of this species gain an *imaginary* surface layer which acts as an additional protective envelope which is either too hot and volcanic (in case of females) or too cold and barren (males) for [relatively] complex invaders and parasites.

6.3 Life

The life of this creature is likely reflected in the collective of lives of creatures living inside it. From external perspective, it may be considered as in a state of hibernation. However, its dreams are as consistent and real as external reality is consistent and real for homo.beta. Since everything is physical at some scale at all times, even the reality of homo.beta may be a physical interpretation of large scale dreams.

In any case, from a reference point of a soul, external universe mirrors the internal universe, thus the most energy efficient way to explore and live in a universe is to do that in dreams.

7 Mechanisms of large scale biological fusion and fission

On small scale, fusion of male and female gametes into a new living being requires a certain level of compatibility between merging cells, effectively requiring gametes to be of the same species. However, species classification itself is relative - large differences can and do exist between individuals of same species, largest between male and female individuals.

It is not incorrect to say that males and females belong to different species - they are just compatible for formation of viable zygotes (new living beings), of new species - to be extremely precise.

Certainly, it seems, small difference in DNA between gametes is a requirement for successful formation of a zygote (note that even in asexual reproduction, inherited DNA is modified through lateral gene transfer), but most important for its maturation and survival is appropriate gene regulation - what genes to activate (express) and when.

On the scale of Earth, humans living on the surface are not cells to be fused, rather precursor proteins to be fused. So the question is, how will an human individual fuse with another individual, human or not, to form new species?

This is unlikely to be a fusion of living individuals (although, it could, with accelerated time, appear so from a certain perspective). Most likely, new individual is formed as usual (merging of small scale gametes).

Difference between a neuron protein and its precursor is a difference between [what are generally considered to be] two different species of life, so this implies strong DNA changes, mostly in gene regulation.

Here, homo.beta (a species of homo currently inhabiting Earth's surface) is a precursor to homo.sapiens and homo.gamma.

Generally, it is considered that such changes [only] occur over thousands or millions of years. However, it is also well known that, during embryonic development, evolution is compressed [in time].

One can thus expect such compression to occur on large scale too - during Earth's neurogenesis.

I have previously hypothesized (in *The Solar System: Nature and Mechanics* paper) that effective time compression occurs periodically on this scale and strongest compression occurs with each major *extinction* event - the event of neuron cell maturity and migration (from surface to mantle layers).

While I have hypothesized decay rates of elements to temporary change during such events, these are unlikely to provide required DNA changes.

Thus, some mechanism must exist which will cause rapid and specific DNA mutations with an aim to achieve maturity of precursor proteins, which includes increasing compatibility between different species (individuals) destined to fuse

[their gametes].

Here, individuals most likely to fuse are those living in symbiosis (synchronized relationship of mutual benefit) and those which may be behaviorally or mentally correlated (entangled) with no apparent symbiosis.

I find the most viable mechanisms to be those of lateral gene transfer, particularly viral. Pandemics should thus be a common part of strong evolution events during mass *extinctions*.

However, these pandemics are likely to be *silent* - with no significant or no typical symptoms of a disease.

In any case, these are not something one should fight, unless one wants to negatively affect neural development of Earth - it could be fatal.

Note that average human height is increasing, while human jaw is shrinking[16]. Humans are also evolving another artery, at accelerated pace[17]. This is all expected with homo evolving into homo.sapiens (Earth.homo.sapiens should be ≈ 3.5 m tall, it will need a bigger heart and more arteries).

Human height is currently not growing strong, instead human weight is. However, bodies evolve in "pulse and stasis" fluctuations[18], and extra weight will be, in a pulse, distributed over larger height.

Last such pulse occurred 1.4 - 1.6 million years ago[19] (increasing height by 10 cm, while increase in mass followed 1 million years later).

Note that this should be classified as a 3rd order pulse of strong evolution. As I have hypothesized such pulses to happen on average every 1.512 million years, another pulse at this time is expected.

While such pulse might increase the height by 10 cm, in case of major extinctions, this pulse is synchronized with a 2nd order (stronger) pulse, which should bring increase in height on the order of meters.

Due to exponentially increasing rate of evolution, this could all happen this century, as I do hypothesize elsewhere.

Since all complex life on Earth shares a lot of genes, obviously all current living organisms on Earth are chimeras - a result of lateral gene transfer (exchange) between species, mediated by DNA carrier particles or life forms (viruses).

Such mechanism enables evolution to be accelerated (by multiple orders of magnitude) with the rise and exposure to pandemics. One extreme example of this is platypus (*Ornithorhynchus anatinus*), which was likely *assembled* during one such strong evolution event.

7.1 Fission

Even though, due to compression, I find it likely for inter-species fusion (ie. human-canine) to also occur during strong evolution events, these products may be unstable (relatively short-lived), at least in some cases.

Such species may subsequently undergo fission to more stable species, relatively equal to original species.

The role of viruses in fission would then be to decrease compatibility between certain organs and other bodies in symbiosis and restore original gene regulation.

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